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BOROUGH OF MACCLESFIELD

ANNUAL REPORT

of the

Medical Officer of Health
FOR THE YEAR 1944

J. H. D. LAWRIE, M.D., Ch.B., D.P.H.
(H.M. Forces).

Medical Officer of Health.

Medical Superintendent of Isolation Hospital, etc.

ROBERT PROUDFOOT, M.D., D.P.H.,
Acting Medical Officer of Health.

Medical Superintendent of Isolation Hospital, etc.



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Borough of Macclesfield

HEALTH COMMITTEE.

Meetings at 10-30 a.m. on Wednesday of first week after Council.

The Mayor.	Coun. Gillies (Mrs.)
Ald. Brees	,, Hindley
,, Fletcher	,, Hyde
Coun. Bettany	,, Proctor
,, Butters	,, Sinnett
,, Campbell	,, Sproson
,, Compston	,, Turpin (Mrs.)

Chairman: Mr. Councillor Hyde.

Vice-Chairman: Mr. Alderman Brees.

Sub-Committees:—

Sewage Works	Chairman: Mr. Alderman Brees.
Cleansing	Chairman: Mr. Councillor Hyde.

MATERNITY AND CHILD WELFARE COMMITTEE.

Meetings at 4 p.m. third Tuesday in each month.

The Mayor	Coun. Floyd
Ald. Wood	,, Turpin (Mrs.)
Coun. Barwood	,, Gillies (Mrs.)
,, Duffy	Mrs. M. B. Lomas
,, Grey (Mrs.)	Mrs. F. R. Oldfield
,, Proctor	Mrs. W. White
,, Thornhill	Miss A. J. Staghall
,, Wright	

Chairman: Mr. Councillor Proctor.

Vice-Chairman: Mr. Councillor Barwood.

Staff of Public Health Department

***Medical Officer of Health and Medical Superintendent of Isolation Hospital:**

J. H. D. LAWRIE, M.D., Ch.B., D.P.H.

Acting Medical Officer of Health and Medical Superintendent of Isolation Hospital:

ROBERT PROUDFOOT, M.D., D.P.H.

Deputy Medical Officer for A.R.P. Purposes (Part Time):

F. E. LOMAS, M.B., Ch.B.

Obstetric Consultant and Medical Officer Ante-Natal Clinic:

W. R. ADDIS, M.C., M.B., Ch.B., F.C.O.G. (Part Time).

Orthopaedic Surgeon:

DENNIS WAINWRIGHT, F.R.C.S. (Part Time).

***Senior Sanitary Inspector, Inspector under Food and Drugs Act, Factory and Workshops Act, Contagious Diseases of Animals Act, Cleansing Superintendent, Etc.:**

ARTHUR ALBINSON, M.C., M.M., Cert. R.S.I.

Assistant Sanitary Inspector:

ISAAC SHEPHERD, Cert. S.I.B.

Veterinary Inspector:

A. J. WRIGHT, M.R.C.V.S.

Health Visitors:

* M. DOROTHY WATSON, Cert. R.S.I., Cert. S.C.M., and Trained Nurse.

* F. MARY YATES, Cert. R.S.I., Cert. S.C.M., Cert. R.S.C.N. and Trained Nurse.

* ANN GRILLS, Cert. R.S.I., Cert. S.C.M., and Trained Nurse.

Matron of Isolation Hospital:

MISS A. HANNICK, S.R.N., S.C.M.

Clerks:

H. GREENHOUSE (H.M. Forces).

R. BENSON (H.M. Forces).

Head Porter (Isolation Hospital):

S. M. HAMER.

Assistant Porter:

C. H. HILTON.

Sewerage and Water Engineer:

EDWARD HAMSON, M.I.M.C.E. (Borough Surveyor).

Sewage Works Manager:

F. T. HAMBLETON, M.R.S.I.

Borough Analyst (part time):

S. ERNEST MELLING, F.I.C.

*Officers in respect of whose salaries contribution is made under the Public Health Acts or by Exchequer Grants.

SANITARY ADMINISTRATION

LIST OF ADOPTIVE ACTS, BYE-LAWS AND LOCAL REGULATIONS RELATING TO THE PUBLIC HEALTH, IN FORCE IN THE DISTRICT WITH DATE OF ADOPTION.

LOCAL ACTS.

1. The Macclesfield Borough Waterworks Act, 1849.
2. The Macclesfield Improvement Act, 1852.
3. The Macclesfield District Gas Act, 1860.
4. The Macclesfield Corporation Act, 1882.
5. The Macclesfield Corporation Act, 1923.
6. The Macclesfield Corporation Act, 1939.

ADOPTIVE ACTS.

1. The Public Health Acts (Amendment) Act, 1890; Parts II and III as from the 1st May, 1891, and Part IV as from 1st December, 1933.
2. The Infectious Disease (Prevention) Act, 1890, Sections 1 to 4, 16, 18 and 20 to 24, all inclusive, as from 1st May, 1891.
3. The Public Health Acts, Amendment Act, 1907; Sections 15 to 22 and 28 to 33; Sections 53 and 54, Part VI; Sections 79 to 81, 84 and 85, and Part VIII, as and from 12th October, 1910; Section 95, from 22nd June, 1923.
4. The Public Libraries Act.
5. The Burial Acts.

BYE-LAWS AND REGULATIONS.

Slaughterhouses, 1930.
 Common Lodging Houses, 1891.
 Nuisances, 1891.
 Prevention of Nuisances, 1903.
 New Streets, 1926.
 Factory and Workshop (Escape in case of Fire), 1913.
 Public Markets and Fairs, 1890 and 1915.
 Public Sanitary Conveniences, 1926.
 Houses Let in Lodgings, 1929.
 Buildings, 1929.

ANNUAL REPORT

OF

The Medical Officer of Health

for the year ended December 31st, 1943.

Public Health Department,
Town Hall,
Macclesfield.

December, 1943.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF
THE BOROUGH OF MACCLESFIELD.

Ladies and Gentlemen,

In the absence of Dr. J. H. D. Lawrie, on Military Service, I have the honour to present to you my report upon the health and sanitary conditions of the Borough of Macclesfield for the year ended December 31st, 1943.

The Registrar General's estimate of the population of Macclesfield to the middle of 1943 is 33,800.

The Birth Rate for 1943 was 14.26 compared with 15.05 in 1942.

The Death Rate for 1943 was 13.58 compared with 12.1 in 1942.

The Infant Death Rate for 1943 was 53.94 compared with 49.6 in 1942.

The Infantile Mortality rate is the number of deaths in children under one year of age per thousand live births. The increase in the Infantile Mortality rate is attributable mainly to deaths among twin babies.

The average rates for the 148 smaller towns with which Macclesfield is comparable are as follows:—

Birth Rate ....	....	....	....	....	19.4
Death Rate ....	....	....	....	....	12.7
Infant Death Rate	....	....	....	....	46.0

Milk.

In consequence of frequent complaints received regarding the poor keeping quality of the milk supplied within the Borough, it was felt necessary that more frequent samples should be taken and tested in accordance with the methods laid down by the Ministry of Agriculture. This was carried out first at the Laboratory attached to this department under the supervision of Mrs. D. Maurice, M.Sc., to whom I gratefully acknowledge my indebtedness for her valuable assistance.

Later, arrangements were made with the Laboratory attached to the E.M.S. Hospital at Parkside for a similar examination of samples. The results are tabulated in this report but the main fact elicited by these examinations is that a very high proportion of the milk distributed in Macclesfield is of very poor keeping quality and far from clean. Many producers are constant in their endeavour to provide clean and wholesome milk, but others appear indifferent, or occasionally try to justify methods which our examinations have demonstrated to be totally inadequate.

While the cleanliness and the keeping quality of the milk appeals to the housewife, its safety is of even more importance to the administrator of Public Health, particularly in regard to its freedom from Tubercular infection.

During the year, 36 samples have been submitted to the Clinical Research Association for examination to determine the presence of Tubercle Bacilli by animal inoculation. One only of these was positive. Owing to the delay entailed by this method, it was not possible to discover the source of infection in the herd from which the milk was derived.

The legislation foreshadowed in the White Paper will, if carried into effect, produce many changes in the administration, but will be welcome if by these means more speedy and effective measures can be taken to remove the many existing defects in the handling of this exceptional food supply.

Infectious Disease.

The number of cases of notifiable infectious diseases which occurred during the year was 632, compared with 696 in 1942. There were 5 notifications of Diphtheria compared with one during last year. One patient died from Diphtheria in the Isolation Hospital. This patient had not been immunised.

The scheme for immunisation against Diphtheria continued throughout the year. At 31st December, 1943, it was estimated that 52.8 per cent. of the children under 5 years of age in the Borough had been immunised, and 89.5 per cent. of the children between 5 and 15 years. During 1943, 429 children under 5 years of age were immunised and 183 of school age.

I have the honour to be,

Your obedient Servant,

ROBERT PROUDFOOT,

Acting Medical Officer of Health.

GENERAL STATISTICS FOR 1943

Area of Borough	....	....	....	....	....	4,641 acres
Population (Census 1931)	....	....	....	....	....	34,905
Population (Estimated by Registrar General, 1943)						33,800
Number of inhabited houses (Census 1931)					....	9,502
Number of inhabited houses (end of 1943) estimated						11,072
Rateable Value, 1943	....	....	....	....	....	£203,537
Product of a Penny Rate		....	....	....	....	£809

				Male	Female	Total
Live Births: Legitimate	....	....	....	237	212	449
Illegitimate		....	....	18	15	33
				<hr/>	<hr/>	<hr/>
				255	227	482
				<hr/>	<hr/>	<hr/>

Still Births—12. Rate per 1,000 live births	....	....	24.9
Deaths—459. Death Rate (Standard)	....	....	13.58
Percentage of deaths occurring in Public Institutions			46.4

The total numbers of live births and of deaths of residents in the Borough during 1943 were 482 and 459 respectively. These figures show an excess of births over deaths of 23. In 1942 there was an excess of births over deaths of 102.

The Birth Rate of 14.26 is lower by .79 than for 1942.

The Death Rate of 13.58 shows an increase of 1.48 compared with the rate for 1942.

Number of women who died in, or in consequence of child birth:—

From Sepsis	....	....	....	....	0
From other causes		....	....	....	0
Maternal Mortality rate			....	....	0

Death rate of infants under one year of age per 1,000 live births:—

Legitimate	....	....	....	....	51.87
Illegitimate	....	....	....	....	2.07
Total	....	....	....	....	53.94

Infant Deaths

Of the 26 infant deaths, 12 occurred in males and 14 in females. The infant death rate per 1,000 live births was 53.94 compared with 49.6 last year, an increase of 4.34.

Neo-Natal Death Rate

The number of infant deaths during the first four weeks of life was 17 as compared with 19 in 1942. This makes the death rate per 1,000 live births 35.27.

Illegitimate Deaths

There was one death of an illegitimate infant during the year.

CAUSES OF INFANT DEATHS, 1943. At different age periods under 1 year.

12

THE ANALYSIS OF DEATH RETURNS, 1943.

12a

CAUSE OF DEATH.	Sex	All Ages	Under 1	1-2	2-5	5-15	15-25	25-45	45-65	Over 65 yrs.
Cerebro Spinal Fever	M. F.	1 —	— —	1 —	— —	— —	— —	— —	— —	— —
Diphtheria	M. F.	1 —	— —	— —	— —	— —	1 —	— —	— —	— —
Tuberculosis of Respiratory System	M. F.	8 5	— —	— —	— —	— —	1 1	1 2	6 2	1 —
Other forms of Tuberculosis	M. F.	1 2	— —	— —	— —	1 1	— —	— —	— —	— —
Syphilitic Diseases	M. F.	3 1	— —	— —	— —	— —	— —	— —	3 —	1 —
Influenza	M. F.	4 6	— —	— —	1 —	— —	— —	1 —	1 —	3 4
Acute Infective Encephalitis	M. F.	1 1	— —	— —	— —	— —	— —	— —	1 1	— —
Carcinoma (all forms)	M. F.	33 36	— —	— —	— —	— —	— —	3 2	9 18	21 16
Diabetes	M. F.	1 5	— —	— —	— —	— —	1 —	— —	— 2	1 2
Intracranial Vascular Lesions	M. F.	19 34	— —	— —	— —	— —	— —	1 —	8 10	11 23
Heart Disease	M. F.	49 66	— —	— —	— —	— —	— —	2 —	9 13	40 51
Other diseases of Circulatory System	M. F.	6 4	— —	— —	— —	— —	— —	— —	1 1	5 3
Bronchitis	M. F.	12 10	— —	1 —	— —	— —	— —	1 —	4 —	7 9
Pneumonia	M. F.	6 6	2 —	1 1	— —	— —	— —	1 1	1 1	4 1
Other Respiratory Diseases	M. F.	3 1	— —	— —	— —	— —	— —	— —	1 1	2 —
Ulcer of Stomach or Duodenum	M. F.	1 —	— —	— —	— —	— —	— —	— —	— —	— —
Diarrhoea (under 2 years)	M. F.	1 1	1 1	— —	— —	— —	— —	— —	— —	— —
Appendicitis	M. F.	3 —	— —	— —	— —	— —	1 —	— —	— —	1 —
Other Digestive Diseases	M. F.	3 8	— —	— —	— —	1 —	— —	— —	1 2	1 8
Nephritis	M. F.	10 12	— —	— —	— —	— —	— —	1 —	5 4	5 7
Premature Birth	M. F.	7 8	7 8	— —	— —	— —	— —	— —	— —	— —
Congenital Malformations, Birth Injuries and Infant Diseases	M. F.	2 3	2 2	— —	— —	— —	— —	— —	— —	— —
Suicide	M. F.	2 —	— —	— —	— —	— —	— —	— —	1 —	— —
Road Traffic Accidents....	M. F.	1 —	— —	— —	— —	— —	— —	— —	1 —	— —
Other Violent Causes	M. F.	8 8	1 1	1 —	1 1	2 —	— —	— —	3 1	— 5
All other causes	M. F.	26 30	1 —	— 1	— —	1 —	2 —	1 1	4 6	17 22
TOTALS	M. F.	212 247	12 14	4 2	1 3	4 —	4 3	9 12	59 63	119 150
GRAND TOTAL		459	26	6	4	4	7	21	122	269

TUBERCULOSIS

Cases notified in 1943.			
Pulmonary	....	....	24
Non-Pulmonary	....	....	11

Cases notified in 1942.			
Pulmonary	....	....	21
Non-Pulmonary	....	....	18

Number of deaths in 1943			
Pulmonary	....	....	13
Non-Pulmonary	....	....	3

Number of deaths in 1942.			
Pulmonary	....	....	10
Non-Pulmonary	....	....	1

Notification of Non-Pulmonary Tuberculosis, 1943

The 11 cases notified were as follows:—

	Male		Female		Total
Kidney	—	....	2	....	2
Neck Glands	2	....	5	....	7
Mesenteric Glands	—	....	1	....	1
Tubercular Meningitis	—	....	1	....	1
	2	....	9	....	11

The following table shows the cases notified and the deaths from Tuberculosis during the year in the two sexes and classified in age groups :—

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	—	—	—	—	—	—
1 to 5 years	—	1	—	1	—	—	—	—
5 to 10 years	—	—	2	4	—	—	—	—
10 to 15 years	—	1	—	—	—	—	—	—
15 to 20 years	2	3	—	1	—	—	—	—
20 to 35 years	1	6	—	2	—	2	1	1
35 to 45 years	4	—	—	1	1	1	—	1
45 to 65 years	4	1	—	—	6	2	—	—
65 yrs. & upw'ds.	1	—	—	—	1	—	—	—
TOTALS	12	12	2	9	8	5	1	2

14 houses were disinfected after death or removal of the patient.

The regulations respecting notifications have been satisfactorily observed.

During the year there has been no need for action to be taken under the Public Health (Prevention of Tuberculosis) Regulation, 1925, nor Section 172 of the Public Health Act, 1936.

NOTIFIABLE DISEASES DURING THE YEAR 1943.

14a

Disease.	Total Cases Notified.	AT AGES—YEARS.												Total notified last year (1942).	Cases treated in Hospital, Sanatorium, etc.					
		Under 1 year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 & upwards.		Isolation Hospital.	General Infirmary.	County Mental Hospital.	West Park Hospital.	Sanatoria.	Other Hospitals.
Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	120	...	2	8	6	12	79	9	...	3	1	...	...	61	120	...	...	...	...	...
Diphtheria	5	...	...	...	...	...	3	...	1	1	...	...	...	2	5	...	...	...	...	...
Enteric Fever (including Para-Typhoid)	3	...	...	...	...	...	...	...	...	1	2	...	...	1	...	...	3	...	...	...
Puerperal Fever and Puerperal Pyrexia	12	...	...	...	...	...	...	...	2	6	4	...	...	14	2	...	...	8	...	...
Pneumonia :—																				
Acute Primary	39	2	3	2	1	...	5	1	3	5	3	10	4	38	3	...	10	3	...	...
Acute Influenzal	16	...	...	1	...	...	...	...	...	1	3	4	7	5	...	3	2	...	...	...
Bronchial	3	...	...	...	...	1	...	1	...	1	...	...	...	12	...	...	1	...	...	...
Ophthalmia Neonatorum	3	3	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
Erysipelas	10	...	...	...	...	...	...	...	...	1	2	3	4	11	1	...	...	...	...	...
Dysentery (Asylum)	49	...	...	...	...	...	...	1	...	14	7	22	5	6	...	...	49	...	...	...
Encephalitis Lethargica	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Acute Anterior Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
Measles	218	12	20	28	26	37	90	1	2	...	1	1	...	399	4	...	...	...	...	...
Whooping Cough	151	16	21	19	25	17	43	5	...	3	1	1	...	127	5	...	...	...	...	...
Cerebro-Spinal Fever	2	...	...	...	...	...	...	...	1	1	...	...	...	4	1	...	...	...	...	1
Meningococcal Meningitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Pemphigus Neonatorum .....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Acute polio encephalitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...
TOTALS	632	33	46	58	58	67	220	18	9	37	24	41	21	696	141	3	65	11	...	1
Tuberculosis:—																				
Pulmonary—Males	12	...	...	...	...	...	...	2	...	1	4	4	1	14	...	...	...	...	5	...
Females	12	...	...	...	...	1	...	1	3	6	1	...	...	7	...	...	...	...	10	...
Totals	24	...	...	...	...	1	...	3	3	7	5	4	1	21	...	...	...	...	15	...
Non-Pulmonary—Males	2	...	...	...	...	...	2	...	...	...	...	...	...	9	...	...	...	...	...	...
Females	9	...	...	...	...	1	4	...	1	2	1	...	...	9	...	...	...	...	...	...
Totals	11	...	...	...	...	1	6	...	1	2	1	...	...	18	...	...	...	...	...	...
COMBINED TOTALS	667	33	46	58	58	69	126	21	13	46	30	45	22	735	141	3	65	11	15	1
Last Year (1942)	735	31	43	58	75	114	267	33	11	28	26	33	16	389	89	1	24	16	18	4

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Scarlet Fever.

During the year 1943, 120 cases of Scarlet Fever were notified and all were removed to the Isolation Hospital. In 1942, 62 cases were notified and 61 removed to the Isolation Hospital.

Diphtheria

Five cases of Diphtheria were notified and all were removed to the Isolation Hospital. In 1942, 2 cases were notified and removed to the Isolation Hospital.

Diphtheria Anti-Toxin Serum

Supplies of Anti-Toxin are available at the Office of the Medical Officer of Health, Town Hall, and also at the Isolation Hospital for Borough cases. After office hours and on Sundays and Bank Holidays, supplies may be obtained from the Borough Police Station.

Enteric Fever

Three cases of Typhoid Fever were notified during the year, from the County Mental Hospital, Parkside.

Puerperal Pyrexia

Twelve cases of Puerperal Pyrexia were notified during the year. 2 cases were removed to the Isolation Hospital.

Ophthalmia Neonatorum.

Three cases of Ophthalmia Neonatorum were notified during the year but were not removed. During 1942, eight cases were notified.

Erysipelas

Ten cases of Erysipelas were notified. One of the cases was removed to the Isolation Hospital. During last year, 11 cases were notified in the Borough.

Dysentery

Forty-nine cases of Dysentery were notified from the County Mental Hospital during the year. The total for 1942 was six.

Acute Primary Pneumonia

During the year, 39 cases of this disease were notified, and three cases were removed to the Isolation Hospital. The total for 1942 was 38.

Acute Influenzal Pneumonia

During the year 16 cases were notified, but none was removed. Last year there were 5 cases.

Measles

218 cases of this disease were notified, and 4 of these were removed to the Isolation Hospital. As compared with last year there was a decrease of 181 cases.

Whooping Cough

151 cases of this disease were notified and 5 of these were removed to the Isolation Hospital. This is an increase of 24 on last year.

Tuberculosis

24 cases of Pulmonary Tuberculosis were notified, and 11 of Non-Pulmonary Tuberculosis, making a total of 35 cases, compared with 21 Pulmonary and 18 Non-Pulmonary, a total of 39 last year.

15 Pulmonary cases received Sanatorium treatment, and details of these are contained in the table of Notifiable Diseases.

TABLE SHOWING THE NUMBER OF CASES ADMITTED TO THE ISOLATION HOSPITAL DURING 1943 FROM MACCLESFIELD BOROUGH, THE TWO CONTRIBUTING AUTHORITIES. THE MILITARY AND OTHER AUTHORITIES.

DISEASE.	Macclesfield	Macclesfield Rural District.	Bollington U.D.	Other Areas.	Military	Totals
Scarlet Fever.....	121 (+1 baby)	40	14	7	3	186
Diphtheria	5	17	1	—	2	25
Chickenpox	1	1	1	—	1	4
Whooping Cough	5	2	—	—	—	7
Measles	4	—	—	—	12	16
Mumps	—	—	—	—	2	2
Tonsillitis.....	3	1	1	—	—	5
Pemphigus	—	4	—	—	—	4
Erysipelas	1	1	—	1	—	3
Influenza.....	1	—	—	—	—	1
Pneumonia.....	3	—	—	—	—	3
Insect Bites	—	—	—	—	1	1
Toxaemia	1	—	—	—	—	1
Jaundice	—	—	—	—	1	1
Cerebro Spinal Fever	1	—	—	—	—	1
Food Rash	1	—	—	—	—	1
Puerperal Sepsis	2 (+2 babies)	2 (+ 2 babies)	—	—	—	8
	152	70	17	8	22	269

The Disinfector and Disinfection

The following table gives the number of articles disinfected by steam during the year:—

			Borough		R.D.C.		Bollington U.D.C.		Total
Beds	....	....	320	....	75	....	17	....	412
Pillows	....	....	424	....	112	....	21	....	557
Pillow Cases	....	....	276	....	82	....	4	....	362
Bolsters	....	....	130	....	29	....	2	....	161
Bolster Cases	....	....	127	....	23	....	2	....	152
Sheets	....	....	201	....	75	....	3	....	279
Blankets	....	....	3686	....	286	....	58	....	4030
Counterpanes	....	....	137	....	40	....	2	....	179
Eiderdowns	....	....	115	....	30	....	2	....	147
Towels	....	....	18	....	17	....	—	....	35
Other Articles	....	....	286	....	147	....	7	....	440
			<hr/> 5720		<hr/> 916		<hr/> 118		<hr/> 6754

Articles Destroyed, 1943.

Beds	....	....	....	....	....	....	8
Pillows	....	....	....	....	....	....	5
Bolsters	....	....	....	....	....	....	2
Counterpanes	....	....	....	....	....	....	1
Sheets	....	....	....	....	....	....	10
Other Articles	....	....	....	....	....	....	13
							<hr/> 39

BACTERIOLOGICAL LABORATORY

The total number of specimens examined during the year 1943, is as follows:—

					Positive	Negative	Total
Throat Swabs	....	....	....	....	4	127	131
Nasal Swabs	....	....	....	....	1	16	17
Sputum	....	....	....	....	3	26	29
Blood Test for Typhoid	....	....	....	....	—	4	4
Specimens of Hair	....	....	....	....	—	2	2
Eye Swabs	....	....	....	....	1	—	1
Catheter Urine	....	....	....	....	—	1	1
					<hr/> 9	<hr/> 176	<hr/> 185

MATERNITY AND CHILD WELFARE

1. Health Visiting.

Three Health Visitors are employed by the Council, and the number of visits paid during the year by the Health Visitors is as follows:—

(a) To expectant mothers:

1st Visits	....	....	195
Total Visits	....	....	361

(b) To children under 1 year:

1st Visits	....	....	453
Total Visits	....	....	2172

(c) To children between the ages of 1 and 5 years:

Total Visits	4386
--------------	------	------	------

2. Infant Welfare Centres.

Three centres are provided and maintained by the Council.

The total number of children who first attended at the Centres during the year and who on the date of their first attendance were:—

(a) Under 1 year of age 348

(b) Between the ages of 1 and 5 years 42

The total number of children under 5 years of age who attended at the centres during the year, and who, at the end of the year were:—

(a) Under 1 year of age 340

(b) Over 1 year of age 647

3. Ante-Natal and Post Natal Services.

Three Ante-Natal and Post-Natal Clinics are held at Infant Welfare Centres. The total number of women who attended at the Clinics during the year was 236

4. Maternity Hospitals.

The number of women sent by the Council during the year to Maternity Institutions was:—

(a) West Park Hospital 159

(b) St. Mary's Hospitals, Manchester and
Prestbury 6

Total 165

5. Day Nurseries.

In addition to the South Park Nursery, established by the Ministry of Health in 1942, the Glegg Street Day Nursery was taken over by the Ministry on 1st July from the Voluntary Committee. These two Nurseries are administered by the Maternity and Child Welfare Committee and have approved accommodation as follows:—

South Park Nursery (approved accommodation for 40 children).

Glegg Street Nursery (approved accommodation for 32 children).

6. Maternal Deaths.

Maternal Deaths were notified in the Borough during the year, as follows:—

(a) From Sepsis	0
(b) From other causes	0

7. Child Life Protection.

(a) The number of persons receiving children for reward at the end of the years was	2
(b) The number of children so received	2
(c) The number of Child Protection Visitors at the end of the year:—	
(1) Health Visitors	3
(2) Others (male or female)	0
(d) Proceedings taken during the year	0

Dental Treatment, Minor Ailments and Treatment for Defective Vision.

Treatment of nursing and expectant mothers, and children under 5 years, is carried out at the School Clinic under special arrangements.

Dental Clinic.

One expectant mother has received treatment during the year and 5 children of pre-school age, total attendances being 9. Three administrations of gas, 18 extractions and 2 fillings were carried out for these cases.

Aural Clinic.

One child of pre-school age was referred to this clinic for examination.

Minor Ailments.

Fifteen Welfare Cases have received treatment; total attendances 78.

Defective Vision.

Twenty four Welfare children were referred to Dr. Harrison (3 for examination for external eye disease).
Total attendances 41.

Milk, Vitamins, etc., for Expectant Mothers and Young Children.

Milk, Cod Liver Oil, and Orange Juice, are now supplied to expectant mothers, nursing mothers, and children under 5 years, under the Ministry of Food Wholesale (Foods) Scheme.

Virol, Cod Liver Oil and Malt, Dried Milks, etc., are also supplied free in necessitous cases from the Welfare Centres.

Orthopaedic Clinic.

The sessions are held each Wednesday at 10-30 a.m. at Hurdsfield House. The consultant, Mr. D. Wainwright, attends on the third Wednesday in each month at 10-30 a.m.

There have been 50 sessions during the year, 12 of these were for the purpose of consultation and the following table shows the number of new cases referred for treatment during the year.

	Male	Female	Total
Rickets	—	1	1
Right Torticollis	1	—	1
Valgoid Ankles	—	1	1
Flat Feet	2	—	2
Incurling of 4th toes	—	1	1
Bow Legs	1	—	1
Genu Valgum	3	4	7
Talipes	1	—	1
	8	7	15

Summary of Attendances at Orthopaedic Clinic

	1939	1940	1941	1942	1943
No. of children under 5 years of age who attended for the first time	14	3	8	14	15
Total No. of attendances of children under 5 years	69	34	83	106	97

STATISTICS**1939 to 1943.**

	1939.	1940.	1941.	1942.	1943.
Total Births Notified	406	440	476	533	494
Birth Rate	10.5	11.8	12.6	15.05	14.26
Still-Birth Rate	57.3	35.3	46.1	17.1	24.9
Infant Death Rate	57.0	56.5	61.5	49.6	46.0
Neo-natal Death Rate	36.4	42.3	37.3	36.2	35.27
Maternal Deaths	0	0	0	3	0
Cases to West Park and other Maternity Hos- pitals	46	21	94	159	165
Home Helps granted	22	18	13	27	17

Attendance at Welfare Centres

Attendances of children under 1 year	3,497	3,410	4,079	6,672	7,188
Attendances of children 1 to 5 years	4,534	2,338	2,790	2,224	2,300
Average attendances of children up to 5 years	69.0	56.3	47.3	61.3	64.98
Total number of children who attended for the first time:—					
(a) Under 1 year ...	220	351	361	438	348
(b) 1 to 5 years	47	50	131	83	42

Ante-Natal Clinic.

Total number of attend- ances by expectant mothers	422	485	545	324	626
Number of expectant mothers who attended for the first time	138	171	221	249	240

Pre-School Clinic.

Total Attendances	1,733	1,234	1,464	2,403	1,923
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Visits made by Health Visitors.

Visits to expectant mothers, 1st Visits	70	132	417	191	195
Total Visits	365	410	342	409	361
First visits to children under one year	347	406	417	498	453
Total Visits to children under one year	2,388	2,258	1,784	2,021	2,172
Total Visits to children 1 to 5 years	6,186	5,198	4,261	4,450	4,386
Total Visits	<u>9,356</u>	<u>8,404</u>	<u>7,221</u>	<u>7,569</u>	<u>7,567</u>

DAIRIES, COWSHEDS AND MILKSHOPS

The total number of Purveyors of Milk in the Borough is 68 ; and of this number 40 retail from premises in the Borough, and 28 retail from premises outside the Borough.

Producers of milk in the Borough number 37, and whole-sale traders 2—a total of 39.

17 Farms are licensed by the Cheshire County Council for the production of “Accredited” Milk.

Under the Milk (Special Designation) Order, one licence was issued for the sale of Pasteurised Milk.

Tuberculin tested milk is retailed by a Registered Purveyor whose premises are situate in the area of the Macclesfield Rural District.

87 visits of inspection have been made during the year when the attention of the occupiers of various premises was drawn to contraventions of the Milk and Dairies Orders both in regard to buildings and the production of milk.

One Shippon was remodelled completely, the floors relaid in concrete, the light and ventilation improved, and drinking bowls provided and fixed.

EXAMINATION OF MILK, 1943.

	Heat Treated	Accred- ited	Undesig- nated	Total
Bacillus Coli.				
Not found	8	19	22	49
Found in 1/10 c.c.	1	8	25	34
Found in 1/100 c.c.	1	29	62	92
				<hr/> 175

Resazurin Test.

Good	4	22	28	54
Fair	—	12	17	29
Bad	—	14	37	51
				<hr/> 134

Methylene Blue Test.

Passed	3	14	60	77
Failed	—	21	41	62
				<hr/> 139

Bacterial Count.

Under 10,000 per c.c.	5	7	9	21
Over 10,000 and under 100,000 per c.c.	3	25	45	73
Over 100,000 and under 200,000 per c.c.	—	6	12	18
Over 200,000 and under 500,000	—	7	22	29
Over 500,000 per c.c.	—	13	21	34
				<hr/> 175

**Tests Prescribed by
Ministry of Agriculture.**

	Passed	Failed	Total.
Undesignated Milk	41 (35%)	75 (65%)	116
Accredited Milk	25 (43%)	33 (57%)	58
Heat Treated Milk	1	—	1
	<hr/> 67	<hr/> 108	<hr/> 176
	—	—	—

Examination for the Tubercle Bacillus.

(including animal inoculation test).

36 Samples taken. 1 Positive. 35 Negative.

FOOD AND DRUGS ACT.

The following premises were registered under the above Act, namely:—

39 shops for the sale of ice-cream; 48 bakehouses; 67 premises for the manufacture of Preserved Foods, and 7 Slaughterhouses.

Offensive Trades.

There are 2 offensive trade premises in the Borough, one Fat Melter, and one Tripe Boiler.

No complaints were made in regard to either of the premises during the year.

FACTORIES ACT, 1937.

	No. of Inspec- tions.	No. of Written Notices.
(1)—Factories with mechanical power	.... 16	.... 2
Factories without mechanical power	.... 53	.... 3
Other premises under the Act (including works of building and engineering construction but not including outworkers' premises)	.... 5 —
Outworkers	.... 14 —
	—	—
	88	.... 5
	—	—
	No. found.	No. remedied.
(2)—Defects found:—		
Want of Cleanliness	.... 5	.... 5
Sanitary accommodation defective — —

The following have been inspected and entered in the Register :—

Building Operations	....	....	....	....	0
Bakers and Confectioners	....	....	....	....	42
Oatcake Bakers	....	....	....	....	7
Boot and Shoe Repairers	....	....	....	....	49
Cardboard Box Manufacturers	....	....	....	....	1
Coach Painting	....	....	....	....	1
Cabinet Making	....	....	....	....	2
Clog Making	....	....	....	....	2
Coppersmith	....	....	....	....	1
Dressmaking	....	....	....	....	4
Handloom Silk Weaving	....	....	....	....	1
Hosiery Waste Sorting	....	....	....	....	1
Joinery	....	....	....	....	5
Millinery	....	....	....	....	5
Motor Repairing	....	....	....	....	6
Oxy Acetylene Welding	....	....	....	....	6
Plumbing and Glazing	....	....	....	....	12
Photography	....	....	....	....	1
Rag Sorting	....	....	....	....	1
Shoeing Smith	....	....	....	....	1
Saddle Making	....	....	....	....	1
Tailoring	....	....	....	....	7
Tin Plate Working	....	....	....	....	4
Total					154

Housing.

Representations were made for the following premises to be dealt with under the Housing Act, 1936, namely :—

Nos. 21 and 23 Exchange Street.

After consideration the Health Committee issued orders for the demolition of both houses.

During the year No. 35, Mill Lane, was closed in compliance with the Closing Order made the previous year, and Nos. 37 and 39, Mill Lane, and 40 and 42, Derby Street were demolished, the latter house being voluntarily demolished by the owner.

The number of houses demolished by Order to date is 480, voluntarily demolished 52, making a total of 532.

1.—Inspection of Dwelling-houses during the year:—

1. (a) Total number of Dwelling-houses inspected for housing defects (Under Public Health or Housing Acts)	302
(b) No. of inspections made for the purpose	1040
2. (a) No. of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	23
(b) Number of inspections made for the purpose	40
3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	300

2.—Remedy of Defects during the year without Service of Formal Notices:—

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	234
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3.—Action under Statutory Powers during the year:—

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	23
(2) Number of dwelling-houses which were rendered fit after service of formal notices:—	
(a) By owners	17
(b) By Local Authority in default of owners	3
(b) Proceedings under Public Health Acts:—	
(1) Number of dwelling-houses in respect of which Notices were served requiring defects to be remedied	2
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
(a) By owners	2
(b) By Local Authority in default of owners	0

(c) Proceedings under Sections 11 and 13 of the Housing Acts, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	2
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	3
(3) Number of Undertakings accepted by the Local Authority in respect of unfit houses	0
(4) Number of unfit houses made fit by the completion of the undertakings given	0

(d) Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

4.—Housing Act, 1936 (Part IV)—Overcrowding:—

(a) (1) Number of dwelling-houses overcrowded at the end of the year	64
(2) Number of families dwelling therein	68
(3) Number of persons dwelling therein....	510
(b) Number of new cases of overcrowding reported during the year	0
(c) (1) Number of cases of overcrowding relieved during the year	2
(2) Number of persons concerned in such cases	11
(d) Particulars of any cases in which dwelling-houses have become overcrowded after the Local Authority have taken steps for the treatment of overcrowding	0

SENIOR SANITARY INSPECTOR'S REPORT.

Health Office,
Town Hall,
Macclesfield.
4th April, 1944.

To the Chairman and Members of the
Health Committee.

Mr. Chairman, Ladies and Gentlemen,

During the year 1943, 2,675 special routine visits were made to premises in the Borough, and inspections carried out in accordance with the Provisions of the Acts and Regulations administered by the department.

Housing.

A total number of 1,040 first and subsequent visits were made to dwelling-houses in order to ascertain their condition.

Appropriate action was taken either in accordance with the Provisions of the Housing Acts or the Public Health Act, to get defects remedied.

Throughout the period under review, although building material and labour was in very short supply, I am pleased to state that with the willing co-operation of owners and builders 338 notices were complied with and 87 were in hand awaiting completion.

Common Lodging Houses.

The number of Registered Common Lodging Houses is 4, with accommodation for 108 nightly lodgers.

208 inspections were made during the year, when the premises were found to be kept in a clean and wholesome condition.

House Refuse Removal.

Throughout the year the domestic refuse has been removed at weekly intervals, and disposed of by controlled tipping.

Canal Boats.

Ten inspections were made of 5 boats, no cases of infectious diseases was met with, and the boats were found to comply with the Act and Regulations.

Food and Drugs Act.

11,589 carcasses of animals were inspected, before distribution to the retail shops. The following table shows the number of carcasses condemned:—

Carcases Inspected and Condemned.

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed	1,909	2,669	6,909	102
Number inspected	1,909	2,669	6,909	102
Number condemned:—				
All diseases except Tuberculosis:—				
Whole Carcases	22	139	16	3
Carcases of which some part or organ was condemned	69	1	283	8
Percentage of the number inspected affected with diseases other than Tuberculosis	4.77	5.19	4.33	10.79
Tuberculosis only :—				
Whole carcasses	90	1	0	0
Carcases of which some part or organ was condemned	802	0	0	84
Percentage of the number inspected affected with Tuberculosis	46.67	0.04	0	82.35

In addition to the above the following foods have been inspected and condemned as unfit for human consumption, voluntarily surrendered and destroyed:—

364 tins of Meat; 1371½ lbs. of Meat; 12 Pork Pies; 2 Cooked Chaws; 189¼ lbs. of Bacon; 107 tins of Fish; 293 Herrings; 1 packet Fishcakes; 30 tins Soup; 208 tins of Milk; 97¾ lbs. of butter; 5½ lbs. of Margarine; 43 packets of Cheese; 60 lbs. of Cheese; 82 lbs. of Biscuits; 214 tins of Fruit; 300 lbs. of Dried Apples; 30 lbs. of Apples; 46 jars of Jam; 117 tins of Vegetables; 137 tins of Prunes; 3 tins of Broth; 9 tins of Pickles; 1 tin of Syrup; 4 jars Mustard; 9 tins of Grapefruit pulp; 1 bottle of Gravy Browning; 667 Eggs; 21½ doz. tins of Egg Substitute; 26 lbs. Pearl Barley; 4 Oatcakes; 64 lbs. of Oatmeal; 4 sacks of Rolled Oats; 68 lbs. of Split Peas; 7 lbs. of Sugar; 96 lbs. of Flour; 1 Swiss Roll; 12 Bars of Chocolate.

Routine Inspections.

The usual routine inspections have been made, details of which will be found in the tabular statement following this report.

In accordance with the instructions of the Ministry I attach a classified statement showing the number and nature of inspections made during the year, the number of Statutory and Informal Notices served, and the result of such Notices.

I have the honour to remain,

Your obedient servant,

ARTHUR ALBINSON,

Senior Sanitary Inspector.

BOROUGH OF MACCLESFIELD.

SANITARY INSPECTORS' TABULAR STATEMENT FOR 1943.

Number and Nature of Inspections made.	No. of Notices Served.			Result of Service of Notices.		
	Number.	Statutory.	Informal.	Notices complied with.	Remaining in hand.	Presentations
1. Dwelling-houses (general inspections)	1040	15	410	....	338	87
2. Cellar Dwellings		Nil.				
3. Back-to-Back Houses		Nil.				
4. Tents, Vans, Sheds, etc.	8	—	—	....	—	—
5. Courts, etc.		No record kept.				
6. Privy Middens, etc.	1	—	1	....	1	—
7. Cesspools	5	....	—	....	5	5
8. House Drainage	61	14	47	....	61	—
9. Ditches, Watercourses, &c.	5	—	5	....	5	—
10. Offensive Accumulations	6	—	6	....	6	—
11. Keeping of Animals	2	—	2	....	2	—
12. Offensive Trades	50	—	2	....	2	—
13. Slaughter-houses (Public)	375	—	15	....	15	—
Do. (Private) (Not in use)	6	—	—	....	—	—
Other places where food is produced or sold	91	—	20	....	20	—
14. Piggeries	12	—	1	....	1	—
15. Dairies and Cowsheds	87	—	10	....	10	11
16. Factories	16	—	2	....	2	—
Workshops	53	—	3	....	3	—
Workplaces	5	—	—	....	—	—
Outworkers Premises	14	—	—	....	—	—
17. Bakehouses	98	—	9	....	9	—
18. Common Lodging Houses	208	1	14	....	15	—
19. Houses let in Lodgings	Nil.	—	—	....	—	—
20. Smoke Observations	45	—	9	....	7	2
21. Canal Boats	11	—	—	....	—	—
22. Infectious Diseases	165	—	—	....	—	—
,, (including Scabies)	189	1	—	....	1	—
23. Water Supplies	52	3	26	....	29	—
Miscellaneous	70	2	48	....	40	10
	2675	36	630	....	567	99

